

In addition to the DARE system, OCR recommended to the DDI and received approval for the purchase and installation of five Filmsort 2000 machines and three companion Quadrant Printers. This <sup>/q</sup> <sup>was to</sup> equipment <sup>then</sup> would speed up processing by producing ~~an~~ aperture card <sup>with</sup> automatically instead of <sup>the</sup> three-step operation in use:

- (1) microfilming <sup>largely by hand</sup> using a camera, processing the film in the laboratory and finally, (2) cutting and mounting the film in each card. It meant shifting from a 16 to a 35 mm aperture card system, but <sup>tests in other organizations have shown the 35 mm system to be</sup> ~~this was~~ more compatible with the systems of the future,

including <sup>18</sup> ~~the~~ <sup>5. Computer Applications</sup>

<sup>Indent 3 spaces</sup> <sup>A first</sup> ~~The~~ card input portion of the Intellofax System, and the Graphics Register Ground Photography Index were programmed for a computer in FY1964 and both operations were being performed on an IBM 1401 in the Office of Computer Services. Computerizing these two operations produced a significant savings in man-hours and faster input to this portion of the index files. Of particular <sup>note</sup> significance was the extent to which the computer was used to generate the content of the files and to produce <sup>19</sup> the source and aperture cards.

The years 1965 - 1967 were years of considerable change in the OCR programs. The rapid advances in computer technology, together with the mandate from the DCI to "develop the best possible system for the handling of information, indexing and data processing", <sup>20</sup> <sup>to an operation already in the</sup> were the next challenges ~~for~~ OCR. Its role in the age of the computer, including the <sup>ambitious</sup> ~~sizeable~~ <sup>are</sup> ~~program~~ <sup>below</sup>, is described in Chapter XI. The other OCR processing systems <sup>will be</sup> ~~will be~~ discussed <sup>further</sup> according to the Division having major responsibility, with the exception of the Foreign Documents Division, which is itself the subject of Chapter VIII.

<sup>17</sup> See item no. ~~12~~ <sup>12</sup>, Chapter V.

~~SECRET~~

process of ~~containing~~ <sup>evolution</sup>